

## Storm Data and Unusual Weather Phenomena - October 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ARKANSAS, Central and North Central

(AR-Z047) MONROE, (AR-Z057) ARKANSAS, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW	10/01/10 00:00 CST		0	Drought
	10/31/10 23:59 CST		0	

At the beginning of October, severe drought was confined to parts of southeast and south central Arkansas.

### (AR-Z044) PULASKI, (AR-Z069) DREW

10/01/10 14:08 CST	0	Wildfire
10/09/10 20:00 CST	0	

Very dry weather in September continued into October. Dry vegetation, along with low humidities and periodic episodes of gusty winds, contributed to the spread of wildfires.



*A wildfire started on the firing range at Camp Robinson (Pulaski County) on October 5th due to a round being fired by an M203 Grenade Launcher. Photo courtesy of the Arkansas National Guard.*

### (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z056) JEFFERSON

10/10/10 08:40 CST	0	Wildfire
10/14/10 20:00 CST	0	

Dry weather continued into the second week of October. The lack of rainfall, low humidities, and unusually warm temperatures permitted favorable conditions for the development of wildfires.

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*A wildfire just south of Traskwood (Saline County) on October 10th caused the evacuation of 575 people. Due to aggressive firefighting, the only structure that was damaged was an old barn. Photo courtesy of Jennifer Smith, Northeast Fire Department.*

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(AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN

10/12/10 06:00 CST	0	Drought
10/31/10 23:59 CST	0	

Severe drought spread to additional sections of southern Arkansas by the middle of October.

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**BRADLEY COUNTY --- 2.5 NNW CLOQUET [33.66, -92.09]**

10/12/10 10:53 CST	0	Hail (1.00 in)
10/12/10 10:53 CST	0	Source: Law Enforcement

Hail fell on Arkansas Highway 8 northwest of Warren.

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**ARKANSAS COUNTY --- 1.0 N DELUCE [34.21, -91.17]**

10/12/10 11:30 CST	30K	Hail (1.75 in)
10/12/10 11:30 CST	0	Source: Public

Hail up to golf ball size caused damage to vehicles just north of DeLuce.

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**ARKANSAS COUNTY --- 3.0 S ETHEL [34.24, -91.17]**

10/12/10 11:45 CST	0	Hail (0.75 in)
10/12/10 11:45 CST	0	Source: Post Office

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<b>ARKANSAS COUNTY --- 3.0 S ETHEL [34.24, -91.17]</b>				
	10/12/10 12:05 CST		0	Hail (1.00 in)
	10/12/10 12:05 CST		0	Source: Post Office
<b>DESHA COUNTY --- 0.8 W MC GEHEE [33.63, -91.41]</b>				
	10/12/10 12:10 CST		0.25M	Hail (1.75 in)
	10/12/10 12:10 CST		0	Source: Emergency Manager
Hail up to golf ball size fell in the McGehee area. The hail nearly covered the ground in some places. Vehicles were dented and had their windshields cracked. Awnings had holes punched in them.				
<b>DESHA COUNTY --- MASONVILLE [33.58, -91.40]</b>				
	10/12/10 12:10 CST		10K	Thunderstorm Wind (EG 52 kt)
	10/12/10 12:10 CST		0	Source: State Official
Power lines were blown down.				
<b>ARKANSAS COUNTY --- 0.4 NNW ST CHARLES [34.38, -91.13]</b>				
	10/12/10 15:25 CST		0	Hail (1.00 in)
	10/12/10 15:25 CST		0	Source: Post Office
The passage of an upper level low pressure system across Arkansas triggered scattered thunderstorms on the 12th. A few of the storms became severe, producing large hail, mainly in eastern and southeastern sections of the state.				
<b>(AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z052) PIKE</b>				
	10/19/10 06:00 CST		0	Drought
	10/31/10 23:59 CST		0	
Soon after the middle of October, the severe drought spread farther to the north, reaching parts of central Arkansas.				
<b>(AR-Z055) GRANT, (AR-Z068) BRADLEY</b>				
	10/23/10 10:30 CST		0	Wildfire
	10/26/10 13:45 CST		0	
Dry weather, occasional gusty winds, and low humidities continued to create conditions favorable for wildfires in the latter part of October.				
<b>MONTGOMERY COUNTY --- 0.6 NW ALBERT [34.37, -93.88]</b>				
	10/24/10 13:47 CST		0	Hail (1.00 in)
	10/24/10 13:47 CST		0	Source: Public
Hail fell at the Albert Pike Recreation Area.				
<b>GARLAND COUNTY --- CRYSTAL SPGS [34.52, -93.33]</b>				
	10/24/10 14:04 CST		0	Hail (1.00 in)
	10/24/10 14:04 CST		0	Source: Law Enforcement
<b>MONTGOMERY COUNTY --- NORMAN [34.45, -93.67]</b>				
	10/24/10 14:08 CST		0	Hail (1.75 in)
	10/24/10 14:08 CST		0	Source: Law Enforcement
Hail from quarter size to golf ball size fell.				
<b>LINCOLN COUNTY --- 3.0 SSW GOULD [33.94, -91.59]</b>				
	10/24/10 14:17 CST		0	Hail (1.00 in)
	10/24/10 14:17 CST		0	Source: Public
<b>MONTGOMERY COUNTY --- 2.7 NE NORMAN [34.48, -93.64]</b>				

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	10/24/10 14:38 CST		0	Hail (1.00 in)
	10/24/10 14:38 CST		0	Source: Public
Hail fell at the Crystal Recreation Area.				
<b>GARLAND COUNTY --- 3.0 SSW LAKE OUACHITA EAST [34.58, -93.27]</b>				
	10/24/10 14:42 CST		0	Hail (1.00 in)
	10/24/10 14:42 CST		0	Source: Public
Hail fell at the Brady Mountain Recreation Area.				
<b>GARLAND COUNTY --- MOUNTAIN VLY [34.63, -93.05]</b>				
	10/24/10 14:42 CST		0	Hail (1.00 in)
	10/24/10 14:42 CST		0	Source: Law Enforcement
<b>GARLAND COUNTY --- 0.7 S HOT SPGS [34.49, -93.05]</b>				
	10/24/10 15:21 CST		0	Hail (1.75 in)
	10/24/10 15:21 CST		0	Source: Trained Spotter
Hail from quarter size to golf ball size fell in Hot Springs.				
<b>OUACHITA COUNTY --- CAMDEN [33.58, -92.83]</b>				
	10/24/10 15:33 CST		0	Hail (1.00 in)
	10/24/10 15:33 CST		0	Source: Trained Spotter
<b>SALINE COUNTY --- SALEM [34.63, -92.57]</b>				
	10/24/10 15:54 CST		25K	Thunderstorm Wind (EG 52 kt)
	10/24/10 15:54 CST		0	Source: Law Enforcement
Several trees were blown down. One of the trees landed on a house.				
<b>PULASKI COUNTY --- 0.5 NW CRYSTAL VALLEY [34.70, -92.46], 0.8 NNE CRYSTAL VALLEY [34.70, -92.44]</b>				
	10/24/10 15:58 CST		10K	Tornado (EF0, L: 0.76 mi , W: 50 yd)
	10/24/10 15:59 CST		0	Source: NWS Storm Survey
A weak tornado knocked down a few trees, tore large limbs off a number of trees, and tore part of the roof off a barn.				
<b>PULASKI COUNTY --- 0.4 ENE HALSTEAD [34.72, -92.39]</b>				
	10/24/10 16:10 CST		0	Hail (1.00 in)
	10/24/10 16:10 CST		0	Source: Trained Spotter
Hail fell on Shackleford Rd. in Little Rock.				
<b>PULASKI COUNTY --- 1.2 N BRITTAIN [34.67, -92.32]</b>				
	10/24/10 16:11 CST		25K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:11 CST		0	Source: NWS Storm Survey
A tree blew down on a house, a number of large limbs were blown down, and shingles were removed from some residences. Most of the damage occurred on Geyer Springs Rd. between Doyle Springs Rd. and Hilario Springs Rd., and on Bruno Rd.				
<b>PULASKI COUNTY --- 0.9 E MABELVALE [34.65, -92.36]</b>				
	10/24/10 16:12 CST		10K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:12 CST		0	Source: Law Enforcement
Trees were blown down in the area of Chicot Elementary School in Little Rock.				
<b>PULASKI COUNTY --- 1.7 NNE CRYSTAL VALLEY [34.71, -92.43]</b>				
	10/24/10 16:12 CST		2K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:12 CST		0	Source: Law Enforcement
A tree was blown down on Colonel Glenn Rd. in Little Rock.				

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<b>PULASKI COUNTY --- 1.2 SSW GEYER SPGS [34.68, -92.36]</b>				
	10/24/10 16:15 CST		10K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:15 CST		0	Source: Newspaper
A tree split and fell on a house.				
<b>PULASKI COUNTY --- 1.5 WNW MABELVALE [34.66, -92.40]</b>				
	10/24/10 16:15 CST		10K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:15 CST		0	Source: Amateur Radio
Trees were blown down near Southwest Hospital in Little Rock.				
<b>PULASKI COUNTY --- 1.0 NNE GEYER SPGS [34.71, -92.34]</b>				
	10/24/10 16:16 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:16 CST		0	Source: Newspaper
Thunderstorm winds knocked down live power lines onto a car on South University Ave. There were no injuries.				
<b>PULASKI COUNTY --- 0.2 NE LITTLE ROCK [34.73, -92.28]</b>				
	10/24/10 16:17 CST		20K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:17 CST		0	Source: Newspaper
A large tree fell onto the fence at the Arkansas Governor's Mansion. The tree also blocked Spring St., broke a light pole, and uprooted a sidewalk.				
<b>LONOKE COUNTY --- 3.0 SW HUMNOKE [34.50, -91.81]</b>				
	10/24/10 16:20 CST		0	Hail (1.00 in)
	10/24/10 16:20 CST		0	Source: Trained Spotter
<b>PULASKI COUNTY --- 0.9 N LITTLE ROCK [34.74, -92.28]</b>				
	10/24/10 16:20 CST		0	Hail (0.88 in)
	10/24/10 16:20 CST		0	Source: Amateur Radio
Hail fell at 7th and Gaines in downtown Little Rock.				
<b>PULASKI COUNTY --- 1.2 E BIDDLE [34.72, -92.25]</b>				
	10/24/10 16:20 CST		0.13M	Thunderstorm Wind (EG 56 kt)
	10/24/10 16:20 CST		0	Source: NWS Storm Survey
About a mile southwest of Adams Field, the roof and a canopy were blown off an industrial building. The roof took down power lines and power poles, while the canopy fell on two cars.				
<b>PULASKI COUNTY --- 0.4 WSW (LIT)LITTLE ROCK ADA [34.73, -92.24]</b>				
	10/24/10 16:23 CST		0	Thunderstorm Wind (MG 55 kt)
	10/24/10 16:23 CST		0	Source: ASOS
<b>PULASKI COUNTY --- 1.2 NNW WARD [34.69, -92.31]</b>				
	10/24/10 16:23 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:23 CST		0	Source: Trained Spotter
A road sign was bent over on Interstate 30.				
<b>CALHOUN COUNTY --- 2.8 NNE EBENEZER [33.81, -92.39]</b>				
	10/24/10 16:30 CST		15K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:30 CST		0	Source: Law Enforcement
Several trees were blown down along Arkansas Highway 8. One of the trees fell on a power line.				
<b>PULASKI COUNTY --- SCOTT [34.70, -92.10]</b>				
	10/24/10 16:34 CST		0	Hail (1.00 in)
	10/24/10 16:34 CST		0	Source: Amateur Radio

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<b>OUACHITA COUNTY --- PACE CITY [33.40, -92.92]</b>				
	10/24/10 16:50 CST		0	Hail (1.00 in)
	10/24/10 16:50 CST		0	Source: Law Enforcement
<b>OUACHITA COUNTY --- PACE CITY [33.40, -92.92]</b>				
	10/24/10 16:50 CST		1K	Thunderstorm Wind (EG 52 kt)
	10/24/10 16:50 CST		0	Source: Law Enforcement
A tree was blown down in Pace City.				
<b>PRAIRIE COUNTY --- 0.7 N HAZEN [34.79, -91.57]</b>				
	10/24/10 17:11 CST		2K	Thunderstorm Wind (EG 52 kt)
	10/24/10 17:11 CST		0	Source: Law Enforcement
A tree was blown down on U.S. Highway 63 near Hazen.				
<b>JEFFERSON COUNTY --- PINE BLUFF [34.22, -92.02]</b>				
	10/24/10 17:28 CST		0	Hail (1.00 in)
	10/24/10 17:28 CST		0	Source: Trained Spotter
<b>BRADLEY COUNTY --- WARREN [33.62, -92.07]</b>				
	10/24/10 17:58 CST		0	Hail (1.00 in)
	10/24/10 17:58 CST		0	Source: Trained Spotter
<b>BRADLEY COUNTY --- 5.0 NE HERMITAGE [33.50, -92.12]</b>				
	10/24/10 18:02 CST		0	Hail (1.00 in)
	10/24/10 18:02 CST		0	Source: Trained Spotter
<b>OUACHITA COUNTY --- TATES BLUFF [33.80, -92.90]</b>				
	10/24/10 18:28 CST		0	Hail (1.00 in)
	10/24/10 18:28 CST		0	Source: Trained Spotter
<b>DESHA COUNTY --- 0.5 S DUMAS [33.87, -91.48]</b>				
	10/24/10 18:45 CST		15K	Lightning
	10/24/10 18:45 CST		0	Source: Newspaper
Lightning knocked out 28 phones at the Delta Memorial Hospital in Dumas.				
<b>BRADLEY COUNTY --- WARREN [33.62, -92.07]</b>				
	10/25/10 04:45 CST		0	Hail (0.75 in)
	10/25/10 04:45 CST		0	Source: Law Enforcement
<b>BOONE COUNTY --- 1.4 N HILL TOP [36.17, -93.22]</b>				
	10/26/10 01:10 CST		0	Thunderstorm Wind (MG 54 kt)
	10/26/10 01:10 CST		0	Source: Trained Spotter

A 62 mph wind gust was measured on Gaither Mountain.

An upper level low approached from the west on the 24th. Ahead of the low, warm, moist air from the Gulf of Mexico had invaded Arkansas. When the low pressure encountered the warmth and moisture, thunderstorms erupted and some of the storms became severe. Isolated storms redeveloped in the southern part of the state early on the morning of the 25th. A cold front swept through Arkansas on the 26th. Much drier air moved into the state behind the front.



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Large limbs were blown down in a yard by an EF0 tornado in the Crystal Valley area of Pulaski County on October 24th. Photo by John Robinson, WCM, WFO LZK.

(AR-Z007) SHARP, (AR-Z067) CALHOUN	10/31/10 12:00 CST	0	Wildfire
	10/31/10 23:00 CST	0	

Despite rain over much of the state in the period from the 23rd through 26th, vegetation dried out enough to permit the development of wildfires at the end of the month.